

FIG. 1

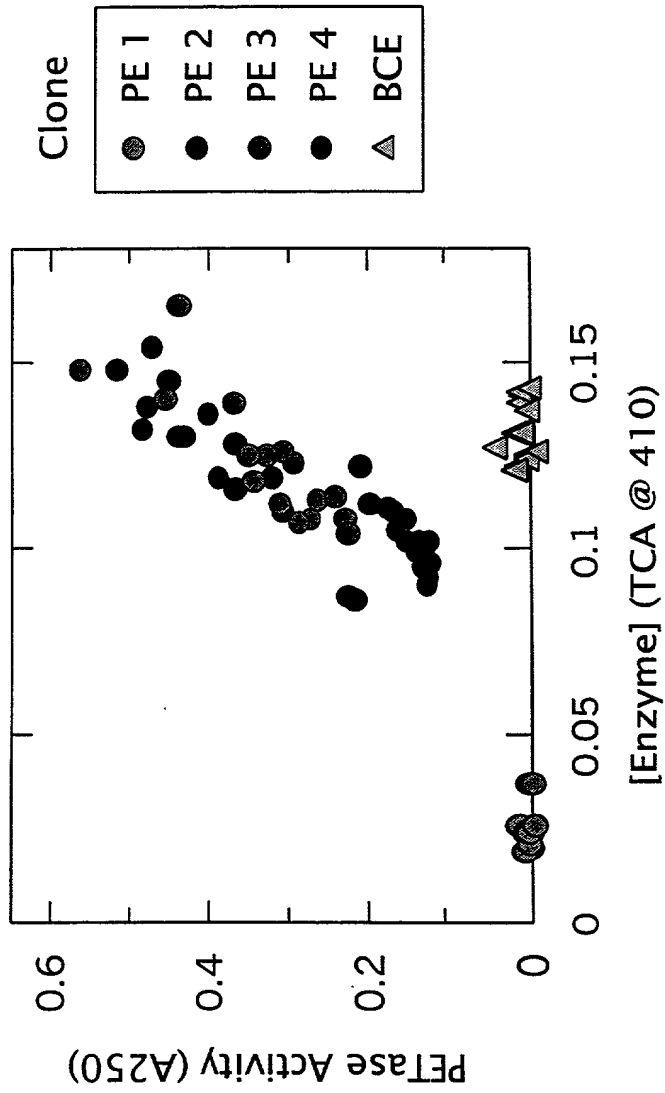


FIG. 2

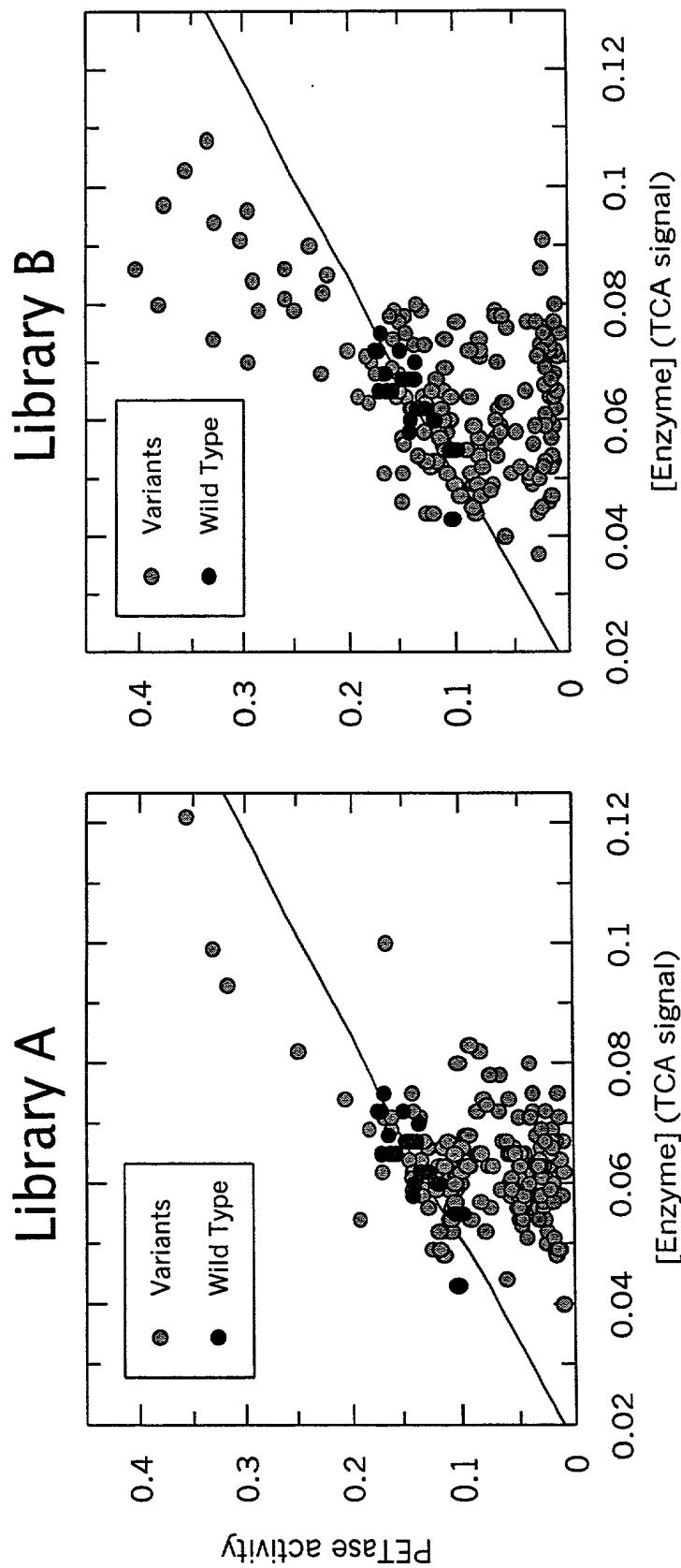


FIG. 3

FIG. 4

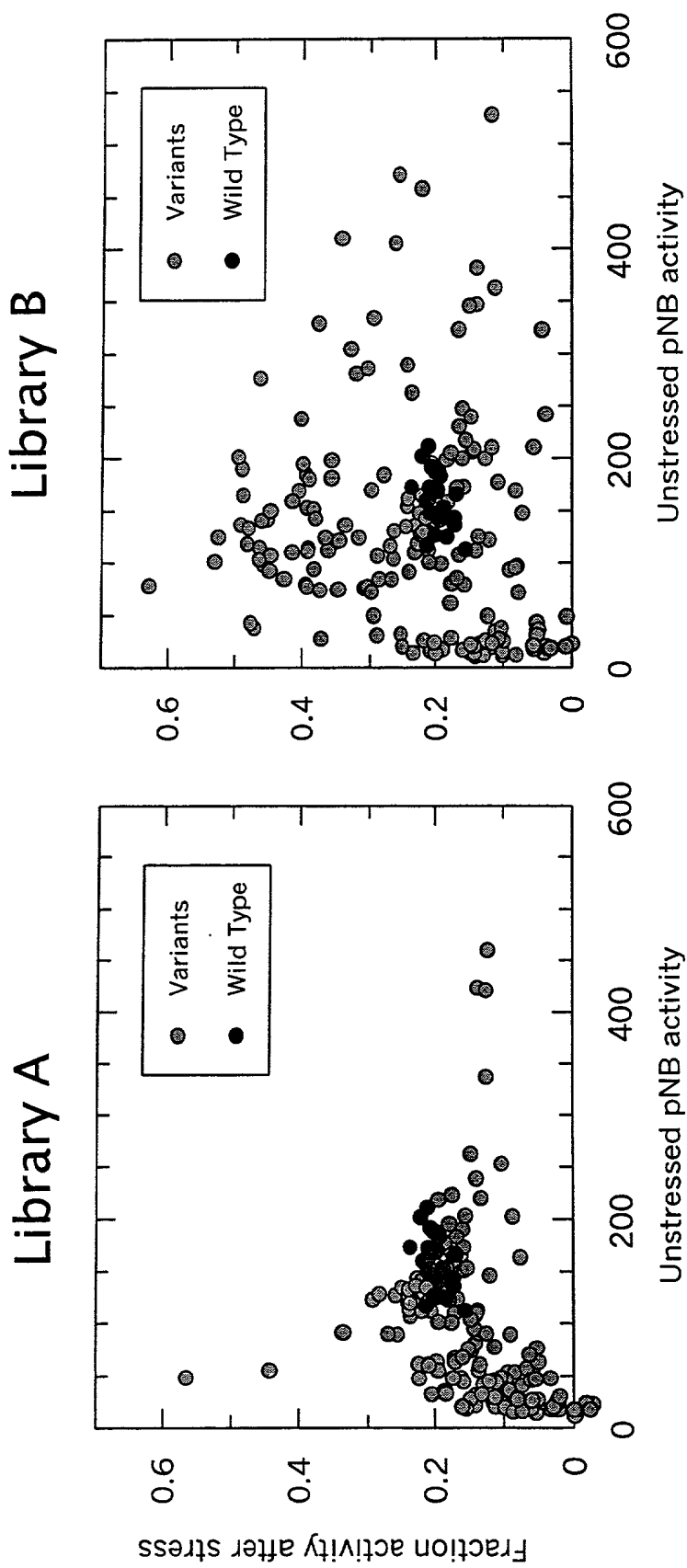


FIG. 5

FIG. 6

A black and white photograph showing a complex, three-dimensional structure. It appears to be a dense, tangled mass of dark, fibrous or filamentous material. The structure is highly irregular, with many loops, folds, and protrusions. Some parts look like thick, curved bands, while others are thinner and more thread-like. The overall shape is roughly spherical but with many extensions. The background is plain white, which makes the dark, textured object stand out. The lighting creates some highlights and shadows, emphasizing the texture and depth of the structure.

FIG. 8

205422-205422

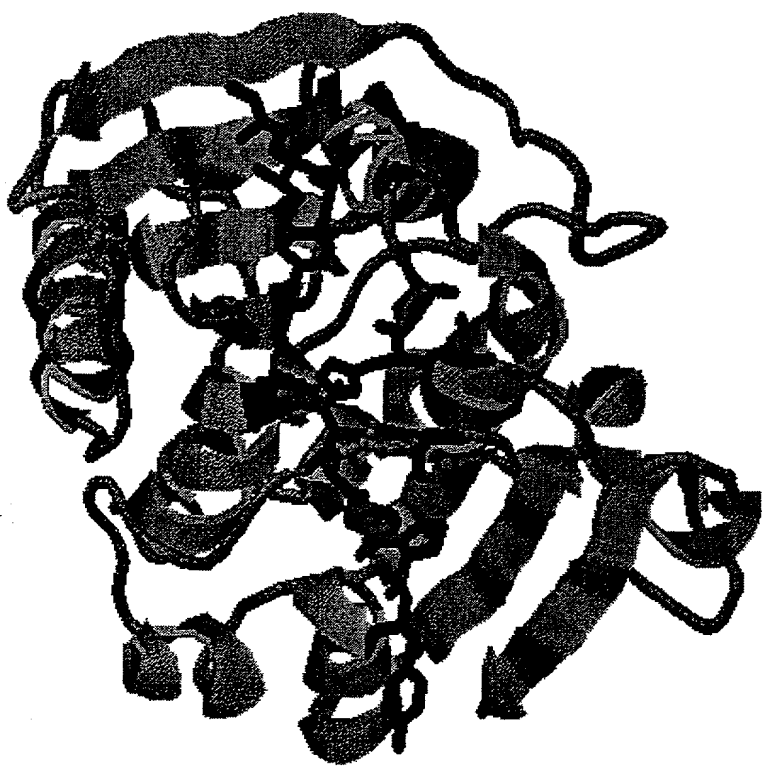


FIG. 9



FIG. 10

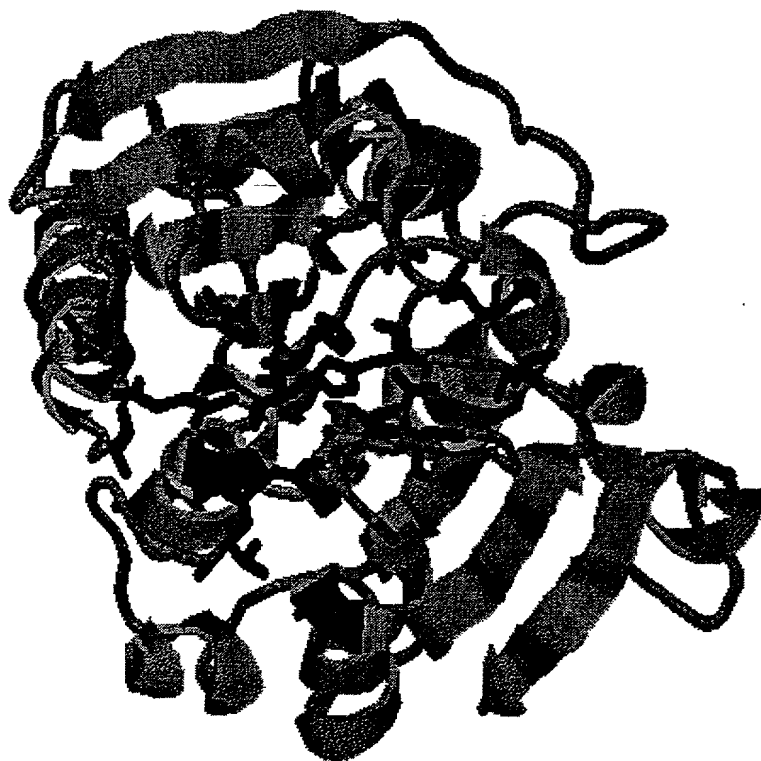


FIG. 11

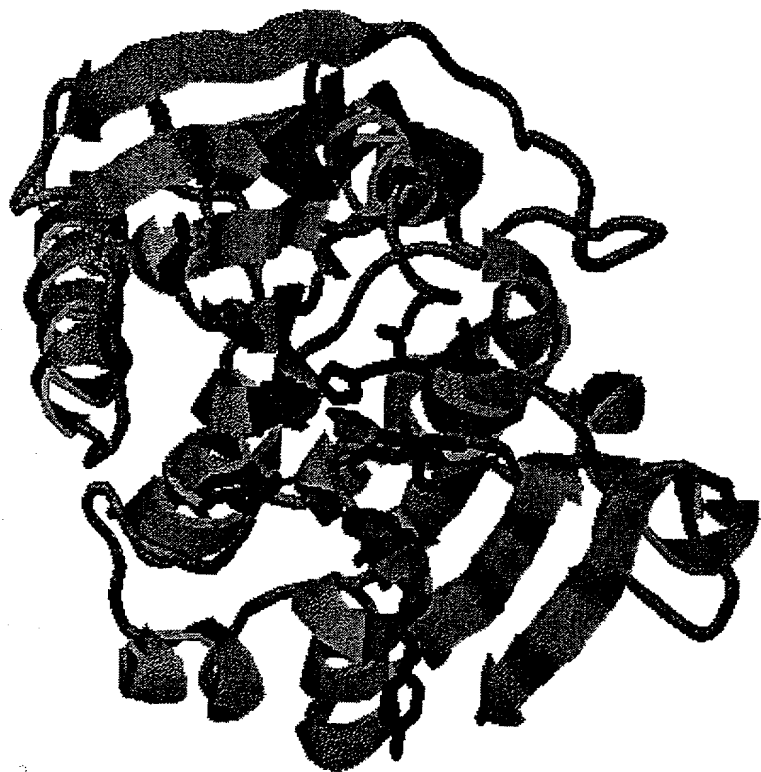


FIG. 12



FIG. 13

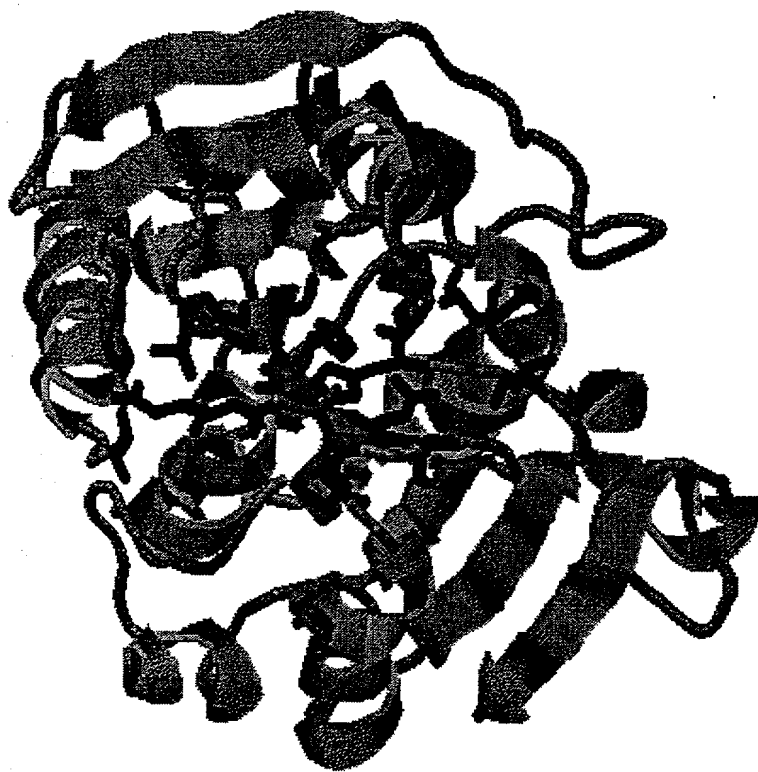


FIG. 14

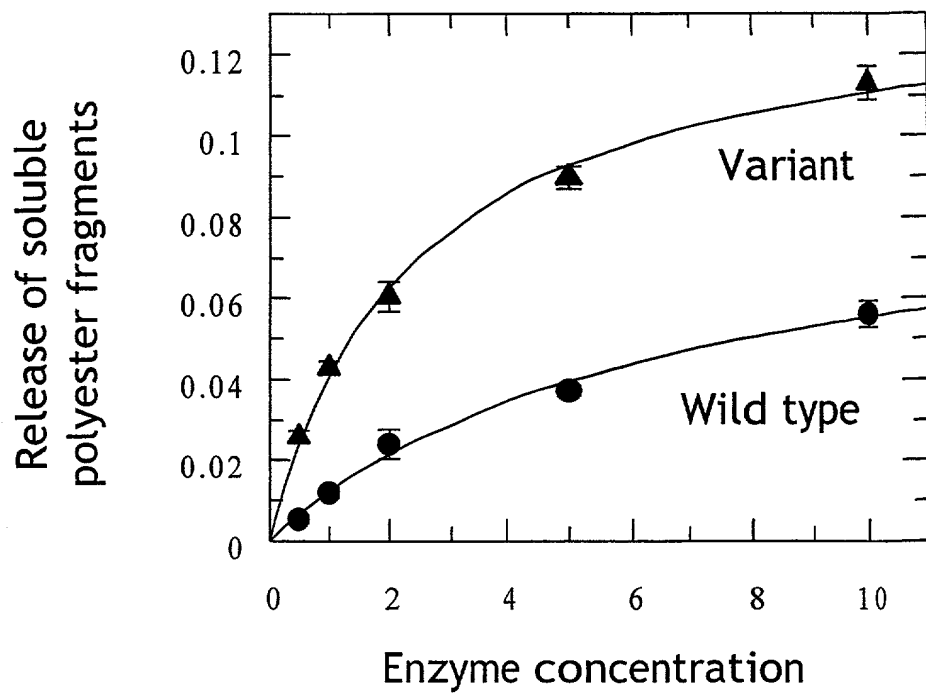


FIG. 15

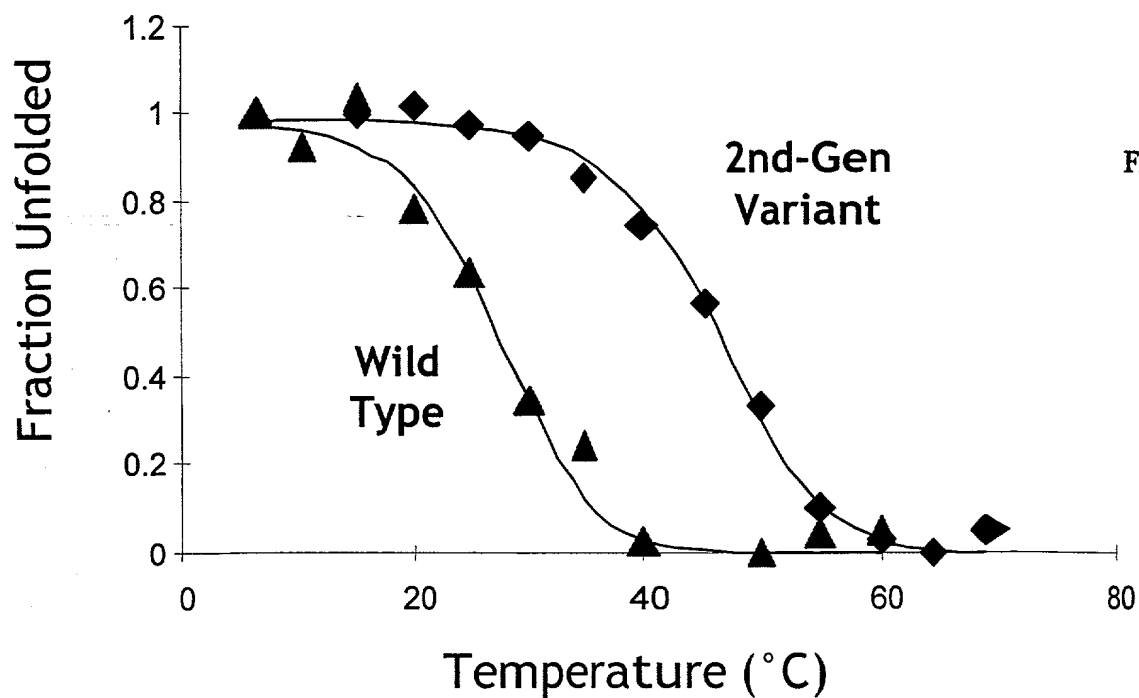


FIG. 16

lipasewtgene.seq

Created: Tuesday, February 01, 2000 2:19 PM

10 20 30 40
TGGCGGCCTCTTGCCTGTCCGTCTGTGCCACTGTCGCGGC 40
GGCTCCCCTGCCGGATACACCGGGAGCGCCATTTCCGGCT 80
GTCGCCAATTTTCGACCGCAGTGGCCCCCTACACCACCAGCA 120
GCCAGAGCGAGGGGGCCGAGCTGTGCGCATCTATCGGCCCCCG 160
CGACCTGGGTCAGGGGGGCGTGCATCCGGTGATTCTC 200

210 220 230 240
TGGGGCAATGGCACCAGGTGCCGGGCCGTCCACCTATGCCG 240
GCTTGCTATCGCACTGGGCAAGCCACGGTTTCGTGGTGGC 280
GGCGGCGGAAACCTCCAATGCCGGTACCGGGCGGGAAATG 320
CTCGCCTGCCTGGACTATCTGGTACGTGAGAACGACACCC 360
CCTACGGCACCTATTCCGGCAAGCTCAATACCGGGCGAGT 400

410 420 430 440
CGGCACTTCTGGGCATTCCCAGGGTGGTGGCGGCTCGATC 440
ATGGCCGGGCAGGATACGAGGGTGC GTACCACGGCGCCGA 480
TCCAGCCCTACACCCTCGGCCTGGGGCACGACAGCGCCTC 520
GCAGCGGCGGCAGCAGGGGGCCGATGTTCTGATGTCCGGT 560
GGCGGTGACACCATCGCCTTTCCCTACCTCAACGCTCAGC 600

610 620 630 640
CGGTCTACCGGCGTGCCAATGTGCCGGTGTCTGCGGGCGA 640
ACGGCGTTACGTGAGCCACTTCGAGCCGGTTCGGTAGCGGT 680
GGGGCCTATCGCGGCCCCGAGCACGGCATGGTTCCGCTTCC 720
AGCTGATGGATGACCAAGACGCCCGCGCTACCTTCTACGG 760
CGCGCAGTGCAGTCTGTGCACCAGCCTGCTGTGGTCGGTC 800

810 820 830 840
GAGCGCCGCGGGCTTTAA 818

Fig. 17

lipasewtgene Map.MPD (1 > 818) Site and Sequence

Enzymes : All 515 enzymes (No Filter)

Settings : Circular, Certain Sites Only, Standard Genetic Code

TGGCGGCCTCTTGCCTGTCCGTCTGTGCCACTGTGCGGGCGGCTCCCCTGCCGGATACACCGG 63
Met Ala Ala Ser Cys Leu Ser Val Cys Ala Thr Val Ala Ala Ala Pro Leu Pro Asp Thr Pro

GAGCGCCATTTCCGGCTGTGCGCCAATTTGACCGCAGTGGCCCCCTACACCACCAGCAGCCAGA 126
Gly Ala Pro Phe Pro Ala Val Ala Asn Phe Asp Arg Ser Gly Pro Tyr Thr Thr Ser Ser Gln

GCGAGGGGCGGAGCTGTGCGCATCTATCGGCCCCGCGACCTGGGTCAGGGGGGCGTGCGTCATC 189
Ser Glu Gly Pro Ser Cys Arg Ile Tyr Arg Pro Arg Asp Leu Gly Gln Gly Gly Val Arg His

CGGTGATTCTCTGGGGCAATGGCACCGGTGCCGGGGCCGTCCACCTATGCCGGGCTTGCTATCGC 252
Pro Val Ile Leu Trp Gly Asn Gly Thr Gly Ala Gly Pro Ser Thr Tyr Ala Gly Leu Leu Ser

ACTGGGCAAGCCACGGTTTTCGTGGTGGCGGGCGGCGGAAACCTCCAATGCCGGGTACCGGGCGGG 315
His Trp Ala Ser His Gly Phe Val Val Ala Ala Ala Glu Thr Ser Asn Ala Gly Thr Gly Arg

AAATGCTCGCCTGCCTGGACTATCTGGTACGTGAGAACGACACCCCCTACGGCACCTATTCCG 378
Glu Met Leu Ala Cys Leu Asp Tyr Leu Val Arg Glu Asn Asp Thr Pro Tyr Gly Thr Tyr Ser

GCAAGCTCAATACCGGGCGAGTCGGCACTTCTGGGCATTCCCAGGGTGGTGGCGGCTCGATCA 441
Gly Lys Leu Asn Thr Gly Arg Val Gly Thr Ser Gly His Ser Gln Gly Gly Gly Ser Ile

TGGCCGGGCAGGATACGAGGGTGGTACCACGGCGCCGATCCAGCCCTACACCCTCGGCCTGG 504
Met Ala Gly Gln Asp Thr Arg Val Arg Thr Thr Ala Pro Ile Gln Pro Tyr Thr Leu Gly Leu

GGCACGACAGCGCCTCGCAGCGGCGGCAGCAGGGGCCGATGTTCTGATGTCCGGTGGCGGTG 567
Gly His Asp Ser Ala Ser Gln Arg Arg Gln Gln Gly Pro Met Phe Leu Met Ser Gly Gly Gly

ACACCATCGCCTTTCCCTACCTCAACGCTCAGCCGGTCTACCGGCGTGCCAATGTGCCGGGTGT 630
Asp Thr Ile Ala Phe Pro Tyr Leu Asn Ala Gln Pro Val Tyr Arg Arg Ala Asn Val Pro Val

TCTGGGGCGAACGGCGTTACGTCAGCCACTTCGAGCCGGTCGGTAGCGGTGGGGCCTATCGCG 693
Phe Trp Gly Glu Arg Arg Tyr Val Ser His Phe Glu Pro Val Gly Ser Gly Gly Ala Tyr Arg

GCCCGAGCACGGCATGGTTCCGCTTCCAGCTGATGGATGACCAAGACGCCCGCGCTACCTTCT 756
Gly Pro Ser Thr Ala Trp Phe Arg Phe Gln Leu Met Asp Asp Gln Asp Ala Arg Ala Thr Phe

ACGGCGCGCAGTGCAGTCTGTGCACCAGCCTGCTGTGGTCGGTCGAGCGCCGCGGGCTTTAA 818
Tyr Gly Ala Gln Cys Ser Leu Cys Thr Ser Leu Leu Trp Ser Val Glu Arg Arg Gly Leu •

Fig 18